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[redacted]

COMOR MAPPING, CHARTING, AND GEODESY WORKING GROUP

Minutes of Meeting Held in Room 5B2830  
Central Intelligence Agency, Langley  
11400-1600, 11 October 1965

PRESIDING

[redacted]

Chairman

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MEMBERS PRESENT

[redacted]

Mr. A. M. Eldridge, AFNIN

Mr. K. W. R. Rinehart, OACSI  
Mr. G. W. Wolf, ONI

[redacted]

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CONSULTANTS PRESENT

[redacted]  
[redacted]

[redacted]

Introductory Remarks

1. [redacted] new Chairman, COMOR MC&G Working Group, welcomed the representatives and indicated that he looked forward to working with everyone concerned with MC&G matters. He mentioned that the agenda for the meeting was arranged with the DIA member and was largely devoted to bringing a number of activities up to date.

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Revised Area Requirements for KH-4 Data Outside the Sino Soviet Area

2. [redacted] explained that the planning for the second special KH-4 mission for MC&G purposes justified careful planning to indicate up-to-date collection requirements in appropriate priority. This planning had taken the form of both updating the evaluation of existing KH-4 photography against revised criteria and secondly, reconsidering the individual area requirements and priorities world-wide on a country-by-country basis. In amplification of this latter action, [redacted] presented indexes showing revised areas and

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NRO and DIA review(s) completed.

[redacted]

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NGA Review completed.

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MCGWG-M-7

changes in priorities based on DIA evaluations. [ ] mentioned that a large number of factors was the basis for changes in priorities, but that the revision had resulted in a change from 23 million to 24.4 million square miles as the MC&G coverage requirement outside the Sino Soviet area. Following discussions the Chairman noted that members agreed that the additional 1.4 million requirement should be supported, but asked that the DIA member submit a brief statement for use as necessary by the Chairman in obtaining COMOR approval, defining the basis for changes in priorities and the additional areas causing the change from 23 to 24.4 million square miles. [ ] subsequently submitted the following statement:

"a. The Revised priority and area requirements for collection of KH-4 photography outside the Sino-Soviet area for MC&G purposes has been accomplished in preparation for the next special KH-4 mission number 1025. The basis for significant changes in priorities has included new area priority statements from the U&S Commands, raising the priority of air charts in South America and Central Africa, revised CINCSTRIKE country priorities for MEAFSA, air charts for Sweden and Finland areas, current conventional programs for aerial photography, and the general accessibility of areas world wide.

"b. The review resulted in changing the total square mile requirement for KH photography outside the Sino-Soviet area from approximately 23 million square miles to 24.4 million square miles. The square mile increase related principally to adding low priority areas as follows:

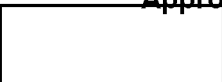
|                   |                  |
|-------------------|------------------|
| Brazil            | 841,000          |
| Libya             | 223,000          |
| Niger             | 90,000           |
| Mauritania & Mali | 220,000          |
| Miscellaneous     | 26,000           |
|                   | <u>1,400,000</u> |

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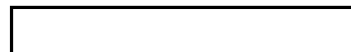
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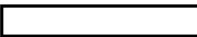
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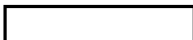
MC&G Coverage Obtained from 1023 and 1024 (Reported by



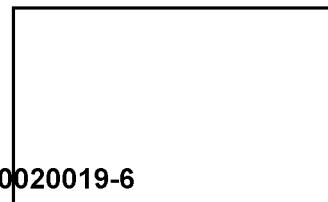
4. a. Mission 1023

This mission was launched on 17 August 1965 in prograde orbit at 65 degrees inclination. It was a search-surveillance mission with perigee of 112 miles and apogee of 207 miles. The mission was generally successful yielding a net coverage of 406,279 square statute miles of which 386,000 square miles was outside Sino-Soviet area. 222,000 square miles was obtained over Africa and 113,000 square miles obtained over South America; the remainder covered primarily  Gross coverage world-wide, meeting the 90-100% cloud free criteria, was 1,614,347 square statute miles.

b. Mission 1024

This mission was a search-surveillance mission generally comparable to Mission 1023, acquiring a net coverage of 263,000 square miles outside the Sino-Soviet area and a net coverage of 48,000 square miles inside the Sino-Soviet area, totaling 312,000 square miles. Principal areas covered outside the Sino-Soviet include Near East countries, India, North Africa, Brazil, and Argentina, with limited coverage of  Coverage by continental land mass areas will be reported in the next meeting.

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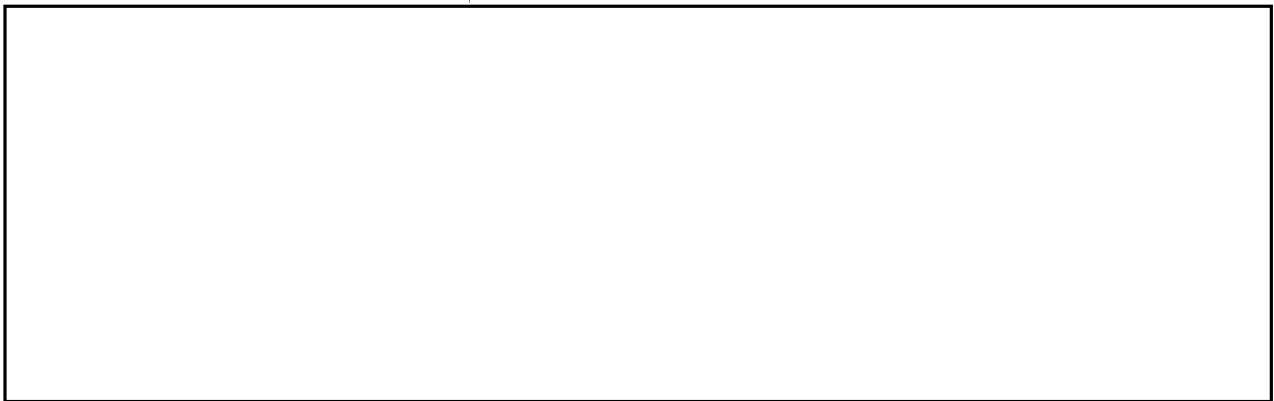
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Long-Range Research and Development Requirements for

5. The Chairman indicated that he had recently participated in discussions for follow-on systems that raised the question as to whether it would be necessary to continue indefinitely capabilities, such as the SI, for mapping and charting work. There was extensive discussion among members present which indicated summarily that geometric type components or system capabilities would be needed until accuracy requirements identified with mapping, charting, and geodesy were appropriately met. By nature, these geometric requirements were not ephemeral and if world-wide geodetic position, elevation, and contouring accuracy requirements could be fulfilled effectively from collected data, static geometric requirements could eventually be phased out. It was recognized that this goal was many years away, in that the task of arranging for these long-range geometric improvements was just beginning.

indicated that the DIA paper on long-range research and development requirements had been prepared with the extensive participation of the military departments and had been forwarded as of 17 September 1965 for DoD review and integration with other requirements. A course of action with DIA COMOR representative, was being developed with the objective of bringing these long-range requirements to the COMOR in a few weeks. asked that efforts be made to bring these long-range requirements into the MC&G Working Group for discussion as early as can be arranged.



Chairman

COMOR MCG Working Group

Addendum

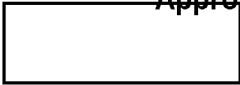
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MCGWG-M-7

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2, 3 DIA TCO [redacted]  
4, 5 Army TCO (Mr. Matthews)  
6, 7 Navy TCO (Mr. Wolf)  
8, 9 Air Force TCO (Mr. Eldridge)  
10, 11 CIA Member [redacted]  
12 NRO [redacted]  
13, 14 NPIC [redacted]  
15 State TCO (Mr. McAfee)  
16 NSA TCO ([redacted])  
17-20 Ch/MCGWG

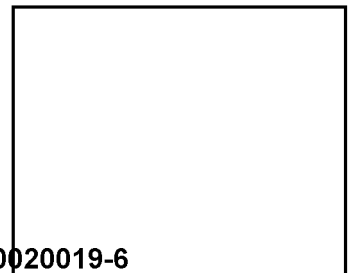
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October 1965

COMOR MAPPING, CHARTING, AND GEODESY WORKING GROUP

AGENDA  
for  
MCGWG-M-7

Room 5B2830, CIA Headquarters  
2 pm, Monday, 11 October 1965

1. Impact of Revised Area Requirements for KH-4 Data Outside the Sino-Soviet Area

- 2.

[Redacted]

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3. MC&G Coverage Obtained from 1023 and 1024
4. Status Report

- a. Long-Range Research and Development Requirements for [Redacted]

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- b.

[Redacted]

5. Other Business

[Redacted]

Chairman

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N.B. Please strike the last sentence of paragraph 3e of MCGWG-D-2/4, dated 3 August 1965, [Redacted]

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6, 7 Navy TCO (Mr. Wolf)  
8, 9 Air Force TCO (Mr. Eldridge)  
10, 11 CIA Member ([Redacted])  
12 NRO [Redacted]  
13 NPIC [Redacted]  
14 State TCO (Mr. McAfee)  
15 NSA TCO [Redacted]  
16-19 Ch/MCGWG

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